

**UTILITY/DESIGN PATENT**

(document recordation / IDS)

Date: Nov 25, 2002

Rec'd in the USPTO on the date stamped hereon via Certificate of Mail:

Docket #: ASMEX-367AApplicant: Michael A. ToddTitle: PROCESS FOR DEPOSITION OF SEMICONDUCTOR FILMSApp No.: 101074, 534Filed: February 11, 2002Exr: UnknownArt Unit: 2812Batch: —Re-Exam No.: —VERIFIED BY: Asst: SLDAtty: MAQC: —☒ Transmittal Letter☒ Information Disclosure Statement; with PTO-1449 w/ 3 Ref(s)☐ Recordation Form Cover Sheet☐ Assignment in — pgs☐ — for Recordation in — pgs☐ \$ — Check for Recordation Fee☐☐☒ Return Prepaid Postcard

(3/6/0)

PATENT

Case Docket No. ASMEX.367A

Date: November 25, 2002



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Michael A. Todd

Appl. No. : 10/074,534

Filed : February 11, 2002

For : PROCESS FOR DEPOSITION
OF SEMICONDUCTOR FILMS

Examiner : Unknown

Group Art Unit : 2812

) I hereby certify that this correspondence and all
) marked attachments are being deposited with the
) United States Postal Service as first class mail in
) an envelope addressed to: United States Patent
) and Trademark Office, P.O. Box 2327,
) Arlington, VA 22202, on

November 25, 2002

(Date)

Joseph J. Mallon
Joseph J. Mallon, Reg. No. 39,287

TRANSMITTAL LETTER

United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Dear Sir:

Enclosed for filing in the above-identified application are:

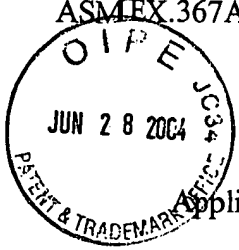
- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with three (3) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Joseph J. Mallon
Joseph J. Mallon
Registration No. 39,287
Attorney of Record
Customer No. 20,995
(619) 235-8550

ASMEEX.367A

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant : Michael A. Todd) Group Art Unit 2812
App. No. : 10/074,534)
Filed : February 11, 2002)
For : PROCESS FOR DEPOSITION)
OF SEMICONDUCTOR)
FILMS)
Examiner : Unknown)

INFORMATION DISCLOSURE STATEMENT

United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Dear Sir:

Enclosed is form PTO-1449 listing references that are also enclosed. This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 11/25/02

By: Joseph J. Mallon
Joseph J. Mallon
Registration No. 39,287
Attorney of Record
Customer No. 20,995
(619) 235-8550

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
ASMEX.387AAPPLICATION NO.
10/074,534INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Michael A. ToddFILING DATE
February 11, 2002GROUP
2812

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	6,159,828	12/12/00	Ping et al.	438	486	
	6,171,662 B1	01/09/01	Nakao	427	595	
	6,197,669 B1	03/06/01	Twu et al.	438	585	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

S:\DOCS\JOM\JOM-4106.DOC:112102

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</p>	



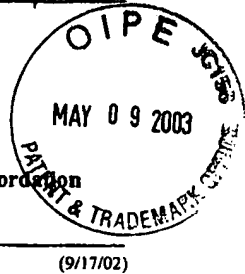
UTILITY/DESIGN PATENT
(Document recordation / IDS)

Date: May 6, 2003

Rec'd in the USPTO on the date stamped hereon via Certificate of Mail:

Docket #: ASMPK-367A Applicant: Michael A. Todd
Title: PROCESS FOR DEPOSITION OF SEMICONDUCTOR FILMS
App No.: 101074, 534 Filed: February 11, 2002
Exr: Shrinivas H. Rao Art Unit: 2812
Class/Sub-Class: 438/222.000 Re-Exam No.:
VERIFIED BY: Asst: SLO Atty: [Signature] QC: 9

- ☒ Transmittal Letter
☒ Information Disclosure Statement in 1 pgs
☒ Form PTO-1449 in 1 pgs ☒ Reference(s)
☒ \$180 Check for IDS
☐ Recordation Form Cover Sheet
☐ Assignment in pgs ☐ \$ Check for Recordation
☐ for Recordation in pgs
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☒ Return Prepaid Postcard



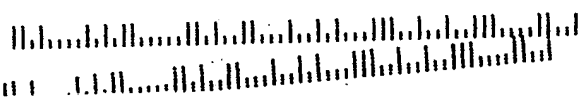
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KNOBBE, MARTENS, OLSON & BEAR, LLP



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INTELLECTUAL PROPERTY LAW
2040 Main Street
14th Floor
Irvine, CA 92614

USPS 2002 recycled



Date: May 6, 2003



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Michael A. Todd
Appl. No. : 10/074,534
Filed : February 11, 2002
For : PROCESS FOR DEPOSITION
OF SEMICONDUCTOR FILMS
Examiner : Shrinivas H. Rao
Group Art Unit : 2812

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

May 6, 2003

(Date)

Joseph J. Mallon, Reg. No. 39,287

TRANSMITTAL LETTER

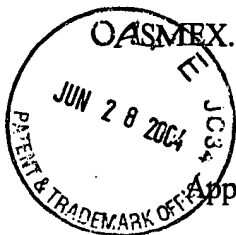
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with one (1) reference.
- (X) A check in the amount of \$180 to cover the above fee is enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Joseph J. Mallon
Registration No. 39,287
Attorney of Record
Customer No. 20,995
(619) 235-8550



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Michael A. Todd

Group Art Unit 2812

App. No. : 10/074,534

Filed : February 11, 2002

For : PROCESS FOR DEPOSITION OF
SEMICONDUCTOR FILMS

Examiner : Shrinivas H. Rao

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing references that are also enclosed. This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(c)(2) before the mailing date of a final action and before the mailing of a Notice of Allowance. This Statement is accompanied by the fees set forth in 37 C.F.R. § 1.17(p). The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: _____

5/6/03

By: _____

Joseph J. Mallon
Registration No. 39,287
Attorney of Record
Customer No. 20,995
(619) 235-8550

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
ASMEX.387AAPPLICATION NO.
10/074,534INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Michael A. ToddFILING DATE
February 11, 2002GROUP
2812

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	US 2002/0098627 A1	07/25/02	Pomarede et al.	438	149	08/31/01

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER
INITIAL

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.



UTILITY/DESIGN PATENT
(RCE)

Date: August 19, 2003
Date of Action: July 8, 2003

Rec'd in the USPTO on the date stamped hereon via Certificate of Mail;
Docket #: ASMEK-367A Applicant: Michael A. Todd
Title: PROCESS FOR DEPOSITION OF SEMICONDUCTOR FILMS
App No.: 10/074,534 Filed: February 11, 2002
VERIFIED BY: Asst: SLO Atty: AM JQC: _____

- | | |
|--|---|
| <input checked="" type="checkbox"/> Request for Continued Examination | <input type="checkbox"/> Req for Drawing Changes/Corrections |
| <input type="checkbox"/> Amendment in _____ pgs | <input type="checkbox"/> _____ sheets of RED-Lined Drawings |
| <input type="checkbox"/> _____ Month Extension Requested | <input type="checkbox"/> Affidavit(s)/Declaration(s) |
| <input type="checkbox"/> Request for Suspension for _____ Months | <input checked="" type="checkbox"/> \$ <u>750</u> Check for Filing Fees |
| <input checked="" type="checkbox"/> Information Disclosure Statement; with | <input type="checkbox"/> _____ |
| PTO-1449 w/ <u>11</u> Ref(s) | <input type="checkbox"/> _____ |
| <input type="checkbox"/> Terminal Disclaimer in _____ pgs | <input type="checkbox"/> _____ |
| <input type="checkbox"/> Sequence Submission Statement | <input type="checkbox"/> _____ |
| <input type="checkbox"/> Sequence Listing in _____ pgs | <input type="checkbox"/> _____ |
| <input type="checkbox"/> _____ copies of CRF Containing Seq List | <input type="checkbox"/> _____ |
| <input checked="" type="checkbox"/> Return Prepaid Postcard | |

(3/6/02)

KNOBBE MARTENS OLSON & BEAR

SAN DIEGO PATENT ACCOUNT
550 WEST C STREET, SUITE 1200
SAN DIEGO, CA 92101

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FOR ASMEK-367A / RCE / 10,074,534 / SUM

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REQUEST FOR CONTINUED EXAMINATION (RCE)

UNDER 37 C.F.R. § 1.114

Applicant: Michael A. Todd
Application Number: 10/074,534
Filing Date: February 11, 2002
Title: PROCESS FOR DEPOSITION OF
SEMICONDUCTOR FILMS
Examiner Name: Shrinivas H. Rao
Group Art Unit: 2814

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Mail Stop RCE, Alexandria, VA 22313-1450, on

August 19, 2003

(Date)

Joseph J. Mallon
Joseph J. Mallon, Reg. No. 39,287

Commissioner for Patents
P.O. Box 1450
Mail Stop RCE
Alexandria, VA 22313-1450

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application.

1. Submission Required under 37 C.F.R. § 1.114:

- (X) Enclosed:
(X) Information Disclosure Statement (IDS)
(X) Return Postcard

2. Fees:

- (X) RCE fee (\$750 large entity)

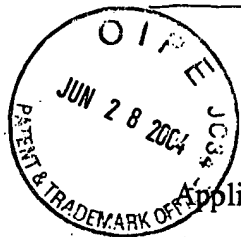
3. Payment:

- (X) Check in the amount of \$750 to cover the above fees.
(X) The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. § 1.16 and § 1.17 which may be required, now or in the future, or credit any overpayment to Deposit Account No. 11-1410.

Address all future communications to Customer No. 20,995.

Dated: 8/19/03

Joseph J. Mallon
Joseph J. Mallon
Registration No. 39,287
Attorney of Record
Customer No. 20,995
(619) 235-8550



INFORMATION DISCLOSURE STATEMENT

Applicant : Michael A. Todd
App. No. : 10/074,534
Filed : February 11, 2002
For : PROCESS FOR DEPOSITION OF
SEMICONDUCTOR FILMS
Examiner : Shrinivas H. Rao
Group Art Unit : 2814

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing references that are also enclosed.

This Information Disclosure Statement is being filed with an RCE or within three months of the filing date of this application and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

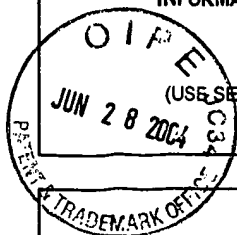
Dated: 8/19/03

By: Joseph J. Mallon
Joseph J. Mallon
Registration No. 39,287
Attorney of Record
Customer No. 20,995
(619) 235-8550

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
ASMEX.367AAPPLICATION NO.
10/074,534INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Michael A. ToddFILING DATE
February 11, 2002GROUP
2814

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
1.	5,214,002	05/25/93	Hayashi et al.			
2.	5,356,821	10/18/94	Naruse et al.			
3.	5,471,330	11/28/95	Sarma			
4.	6,103,600	08/15/00	Ueda et al.			

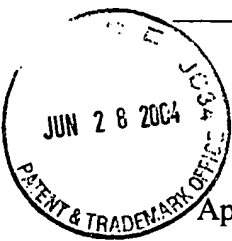
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
5.	11317530	16-11-99	Japan (abstract)			X	
6.	EP 0368651 A2	16-05-90					
7.	EP 0486047 A2	20-05-92					
8.	EP 0747974 A2	11-12-96					
9.	EP 1065728 A2	03-01-01					
10.	GB 2332564 A	23-06-99	United Kingdom				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
11.	Olivares, J. et al.; "Solid-phase crystallization of amorphous SiGe films deposited by LPCVD on SiO ₂ and glass," Thin Solid Films 337 (1999) pp. 51-54.

S:\DOCS\JOM\JOM-5163.DOC:081903

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</p>	

**INFORMATION DISCLOSURE STATEMENT**

Applicant	:	Michael A. Todd
App. No.	:	10/074,534
Filed	:	February 11, 2002
For	:	PROCESS FOR DEPOSITION OF SEMICONDUCTOR FILMS
Examiner	:	Shrinivas H. Rao
Group Art Unit	:	2814

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing six (6) references that are also enclosed.

This Information Disclosure Statement is being filed before the mailing date of a final action under 37 C.F.R. § 1.113 and before the mailing date of a Notice of Allowance under § 1.311. A certification under 37 C.F.R. § 1.97(e) is set forth below. Thus, no fee is required as set forth in 37 C.F.R. § 1.97(c).

CERTIFICATION UNDER 37 C.F.R. § 1.97(e)(2)

I hereby certify that no item of information contained in this Statement was cited in a communication from a foreign Patent Office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than 30 days prior to the filing of this Information Disclosure Statement.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: June 24, 2004

By: Joseph J. Mallon
Joseph J. Mallon
Registration No. 39,287
Attorney of Record
Customer No. 20,995
(619) 235-8550

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. ASMEX.367A	APPLICATION NO. 10/074,534
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Michael A. Todd	
		FILING DATE February 11, 2002	GROUP 2814

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	1	V. Z-Q Li <i>et al.</i> , Appl. Phys. Lett. 71(23) 3388-90 (1997)
	2	T-J King <i>et al.</i> , J. Electrochem. Soc., 141(8) 2235-41 (1994)
	3	A. Kovalgin <i>et al.</i> , ProRISC/IEEE 311-17 (1998)
	4	C. Hernandez <i>et al.</i> , Mat. Res. Soc. Symp. Proc. 533 93-98 (1998)
	5	M. Cao <i>et al.</i> , J. Electrochem. Soc., 142(5) 1566-72 (1995)
	6	J. Holleman <i>et al.</i> , J. Electrochem. Soc. 140(6) 1717-22 (1993)

S:\DOCS\JOMJOM-6159.DOC:062404

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	